

Exhibit B

<!--StartFragment-->RESULT 2
AAB42635
ID AAB42635 standard; protein; 401 AA.
XX
AC AAB42635;
XX
DT 08-FEB-2001 (first entry)
XX
DE Human ORFX ORF2399 polypeptide sequence SEQ ID NO:4798.
XX
KW Human; open reading frame; ORFX; detection; cytostatic; hepatotropic; vulnerability; antipsoriatic; antiparkinsonian; nootropic; neuroprotective; anticonvulsant; osteopathic; antiarthritic; immunosuppressant; cardiant; immunostimulant; thrombolytic; coagulant; vasotropic; antidiabetic; hypotensive; dermatological; immunosuppressive; antiinflammatory; antiviral; antibacterial; antifungal; antirheumatic; antithyroid; antianaemic; gene therapy; cancer; proliferative disorder; hypertension; neurodegenerative disorder; osteoarthritis; graft vs host disease; cardiovascular disease; diabetes mellitus; hypothyroidism; SCID; AIDS; cholesterol ester storage; systemic lupus erythematosus; infection; severe combined immunodeficiency; malaria; autoimmune disorder; asthma; allergy; aplastic anaemia; nocturnal haemoglobinuria; burn; wound; bone damage; cartilage damage; antiinflammatory disease; coagulation; thrombosis; contraceptive.
XX
OS Homo sapiens.
XX
PN WO200058473-A2.
XX
PD 05-OCT-2000.
XX
PF 31-MAR-2000; 2000WO-US008621.
XX
PR 31-MAR-1999; 99US-0127607P.
PR 02-APR-1999; 99US-0127636P.
PR 05-APR-1999; 99US-0127728P.
PR 30-MAR-2000; 2000US-00540763.
XX
PA (CURA-) CURAGEN CORP.
XX
PI Shimkets RA, Leach M;
XX
DR WPI; 2000-602362/57.
DR N-PSDB; AAC76844.
XX
PT Novel nucleic acids and peptides derived from open reading frame X, useful for treating e.g. cancers, proliferative disorders, neurodegenerative disorders and cardiovascular disease.
XX
PS Claim 11; Page 3982-3983; 5507pp; English.
XX
CC AAC74446 to AAC77606 encode the proteins given in AAB40237 to AAB43397, which represent the human ORFX open reading frames 1 to 3161. The ORFX sequences have activities such as: cytostatic; hepatotropic; vulnerability; antipsoriatic; antiparkinsonian; nootropic; neuroprotective; osteopathic; anticonvulsant; antiarthritic; immunosuppressant; immunostimulant; cardiant; thrombolytic; coagulant; vasotropic; antidiabetic; hypotensive; dermatological; immunosuppressive; antiinflammatory; antibacterial; antiviral; antifungal; antirheumatic; antithyroid; and antianaemic. The sequences can be used for determining the presence of or predisposition to, or preventing or treating pathological conditions associated with an ORFX-associated disorder. The nucleic acids can be used to express ORFX proteins in gene therapy vectors. The proteins and nucleic acids may be used to treat cancers, proliferative disorders, neurodegenerative disorders, osteoarthritis, graft vs host disease, cardiovascular disease, diabetes mellitus, hypertension, hypothyroidism, cholesterol ester storage, systemic lupus erythematosus, severe combined immunodeficiency (SCID), AIDS, viral, bacterial or fungal infection, malaria, autoimmune disorders, asthma, allergies, aplastic anaemia, burns, wounds, bone and cartilage damage, nocturnal haemoglobinuria, antiinflammatory disease; to enhance coagulation; to inhibit thrombosis; and as a contraceptive
XX
SQ Sequence 401 AA;

Query Match 100.0%; Score 1784; DB 3; Length 401;
Best Local Similarity 100.0%; Pred. No. 2.5e-141;

Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MTIGEMLRSFLTKLEWFSTLFPRIPVQKNIDQQIKTRPRKIKKDGEKAGEEIDRHVER 60
Db 53 MTIGEMLRSFLTKLEWFSTLFPRIPVQKNIDQQIKTRPRKIKKDGEKAGEEIDRHVER 112

Qy 61 RRSRSPRRSILSPRRSPRRSRSRSHREGHGSSFDRELEREKERQRLEREAKEREKERR 120
Db 113 RRSRSPRRSILSPRRSPRRSRSRSHREGHGSSFDRELEREKERQRLEREAKEREKERR 172

Qy 121 SRSIDRGLERRRSRSRERHRSRSRDRKGDRDRDREREKENERGRRDRDYDKERGNE 180
Db 173 SRSIDRGLERRRSRSRERHRSRSRDRKGDRDRDREREKENERGRRDRDYDKERGNE 232

Qy 181 REKERERSRSRSKEQRSGRGEVEEKHKEDKDDRRHRDDKRDSKKEKKHSRSRSRERKHS 240
Db 233 REKERERSRSRSRSKEQRSGRGEVEEKHKEDKDDRRHRDDKRDSKKEKKHSRSRSRERKHS 292

Qy 241 RSRSRNAGKRSRSRSKEKSSHKKNESKEKSNNKRSRSQGRRTDSVEKSKKREHSPSKEKS 300
Db 293 RSRSRNAGKRSRSRSRSKEKSSHKKNESKEKSNNKRSRSQGRRTDSVEKSKKREHSPSKEKS 352

Qy 301 RKRSRSKERSHKRDHSQSKDQSKDKHDRRSQSIEQESQEKEQHKNKDETV 349
Db 353 RKRSRSKERSHKRDHSQSKDQSKDKHDRRSQSIEQESQEKEQHKNKDETV 401

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